

NEWTOWN & LLANIDLOES RURAL DISTRICT COUNCIL

ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH

AND OF

THE PUBLIC HEALTH INSPECTOR

FOR THE YEAR 1965



MEDICAL OFFICER OF HEALTH

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ADDITIONAL PUBLIC HEALTH INSPECTOR

W.H. Farr, Esq.

NEWTOWN AND LLANIDLOES RURAL DISTRICT COUNCIL

Chairman: Cllr. C.W. Pritchard.

Vice Chairman: Cllr. J. Eric Bebb.

Members:

R.E. Abel	J. Owen Jones.
H.H. Bennett.	J.H. Jarman.
R.E. Breese.	Sydney Jones.
H.B. Davies.	T.E. Jones.
J.P. Davies.	G.L. Lewis.
J.W. Griffiths.	T.E. Lewis.
L.S. Hough.	Mrs. E.M. Linhard.
T.E. Huxley.	D.E. Thomas.
J.W. Jones.	W.J. Vaughan.
E. Owen Jones.	Frank Williams.





*With the Compliments  
of the Chairman*

WELSH BOARD OF HEALTH  
CATHAYS PARK  
CARDIFF



Mr.Chairman, Mrs.Linhard & Gentlemen,

It is my duty to present to you the Annual Report for 1965, on the health and sanitary conditions in your district. It contains information requested by the Welsh Board of Health Circular 1/66.

National Assistance Act, 1947, Section 47

This deals with the removal from their homes of people, generally elderly, who are living in insanitary conditions and who are unable to look after themselves and who are not receiving help from others and are in such a state that their conditions are prejudicial to their health.

This action is only taken after much consideration and persuasion of the person concerned to voluntarily go to a home for the aged, or to receive the services of a home help.

It was not necessary to take any action under this Section in 1965.

VITAL STATISTICS.

There were 116 live virths, giving a rate of 13.60 per 1,000 population compared with 15.18 per 1,000 in 1964. The rate for the County was 14.95.

There were 6 illegitimate births, 11 home confinements, no still births and 3 premature births.

There were 3 deaths of infants in the first year of life. This gives an infant mortality rate of 25.9 per 1,000 live births compared with 15.5 in 1964. The County rate was 16.8.

There were 96 deaths which gives a death rate of 11.25 per 1,000 compared with 10.47 in 1964 and the County rate was 12.93.

WATER SUPPLIES.

It is the duty of the Montgomeryshire Water Board to supply the district with water and a summary of properties served is given later in the report.

There are some districts which are sadly in need of a better supply. I especially refer to Trefeglwys where practically every summer the supply fails and water has to be conveyed in tanks.

Llandinam also needs a better supply. There have been several outbreaks of diarrhoea and vomiting at Llandinam School and in an attempt to find the cause frequent samples of water have been taken and fortunately have all been satisfactory from a bacteriological point of view.

SANITATION The sewage disposal schemes at Bettws Stepside and Bwlchyfridd were completed in 1965

The proposed scheme for Llanw nog was deferred because the Ministry suggested that this scheme should link up with the disposal works at Caersws.

At the end of the year Ministry approval was awaited for the Clatter and Llandinam schemes.

I am particularly anxious that the Llandinam Sch should be started soon. The school's sanitary arrangements at Llandinam are most unsatisfactory - consisting of Elsan Closets. In my opinion these are not at all satisfactory serving a school population of over 60 children. It is the Education Authority's plan to build new W.Cs when the public sewer is available - I may add that in connection with these outbreaks of diarrhoea and vomiting at the school, I discussed with the headmaster that he might introduce some very strict personal hygiene practises among the children and this was done with quite good results.



A sewage disposal scheme at Trefeglwys is held up by the inadequate supply of water and this has an adverse effect on private development there.

It is proposed to provide a sewerage scheme at Sarn but there has been much delay in obtaining a site.

The engineers were asked to report on the possibility of providing a sewer at the New Mills area.

Plans for sewerage the area of Adfa were abandoned some years ago because of the very high cost.

We now have public sewerage facilities at Llangurig, Caersws, Carno, Kerry, Tregynon, Bettws, Bwlchyffridd and Stepaside.

The Council has provided Public Conveniences at Caersws and Llangurig and is anxious to build one at Carno.

#### HOUSING.

The building of 4 houses at Dolfor was commenced but they were not completed by the end of the year.

The Council decided on its future housing plans :-

Caersws	16 bungalows.
Carno	4 bungalows.
Stepaside	8 houses 2 bungalows.
Bettws.	4 bungalows.
Kerry.	6 bungalows 3 houses.

Proposals to build more houses at Sarn were deferred until the village is sewered.

18 houses were built by private enterprise.

The Public Health Inspector will give details of improvement grants made during the year.

The Council own houses and bungalows in most areas of the district :-

Aberhafesp	4	Manafon	2
Llangurig	14	Tregynon	12
Llandinam	12	Bettws	12
Trefeglwys	6	Kerry	24
Caersws	59	Sarn	4
Carno	24	Dolfor	4
Adfa	4	Bwlchyffridd	4

#### REFUSE COLLECTION

Tipping is carried out at Pempromptren Cwmbelan and at the Brickyard Tregynon.

#### SLAUGHTERHOUSES.

There are 4 slaughterhouses in the rural district - at Trefeglwys, Caersws, Tregynon and Clatter. They are visited regularly and all meat is inspected.

Many parts of the Council's district was flooded again in December. The most concentrated area was at Caersws where at least 60 dwellings were flooded, 40 of these seriously.

Apart from Caersws, 4 houses were flooded at Abermule one to a depth of 4 feet. At Bettws, 2 properties were flooded. At Llandinam, 3 properties were flooded and at Old Hall 3 houses were seriously affected.

The first flood occurred on 9th December and later in the month, 17th, 18th and 19th December, further flooding occurred, affecting 30 properties in Caersws, 1 at Abermule and 1 at New Mills.

It was with deep regret that the Council learned of the death on June 12th 1965 of its Public Health Inspector, Mr.H.H.Thomas. He has served this Council for many years and was always a most co-operative and helpful colleague.

Mr.Maddocks who has been the Additional Public Health Inspector for some 11 years was appointed as Public Health Inspector and Mr.Farr was appointed as his Assistant in December, 1965 and took up his duties February, 1966.

I would like to express my thanks to all my colleagues and the staff of the Rural District Council for the help and encouragement they give me.

I am, Mrs.Linhard & Gentlemen,

Your obedient servant,

AMELIA EVANS.



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# S T A T I S T I C A L   S U R V E Y

<u>District</u>	<u>Area in Acres</u>	<u>Population</u>		<u>Rateable Value</u>		<u>Product of 1d Rate</u>	
		<u>1965</u>	<u>1964</u>	<u>1965</u>	<u>1964</u>	<u>1965</u>	<u>1964</u>
Llanidloes M.B.	617	2,370	2,350	£51,061	£50,388	£200	£182
Machynlleth U.D.	1,183	1,790	1,810	£50,710	£50,458	£207	£205
Newtown U.D.	7,224	5,490	5,490	£153,691	£151,487	£605	£595
Machynlleth R.D.	98,564	2,712	2,740	£31,980	£31,716	£115	£113
Newtown & Llanidloes R.D.	151,231	8,530	8,500	£100,459	£98,068	£371	£365

## LIVE BIRTHS.

	<u>1965</u>						<u>1964</u>					
	<u>Legitimate</u>			<u>Illegitimate</u>			<u>Legitimate</u>			<u>Illegitimate</u>		
	<u>Male</u>	<u>Female</u>	<u>Total</u>	<u>Male</u>	<u>Female</u>	<u>Total</u>	<u>Male</u>	<u>Female</u>	<u>Total</u>	<u>Male</u>	<u>Female</u>	<u>Total</u>
Llanidloes M.B.	11	18	29	2	0	2	22	15	37	0	1	1
Machynlleth U.D.	12	9	21	0	1	1	11	15	26	2	0	2
Newtown U.D.	40	42	82	4	4	8	39	36	75	2	0	2
Machynlleth R.D.	13	14	27	1	2	3	19	9	28	0	1	1
Newtown & Llanidloes RD	52	58	110	1	5	6	59	59	118	7	4	11

	<u>Home Confinements</u>		<u>Still Births</u>		<u>Premature Births</u>	
	<u>1965</u>	<u>1964</u>	<u>1965</u>	<u>1964</u>	<u>1965</u>	<u>1964</u>
Llanidloes M.B.	3	1	0	0	1	3
Machynlleth U.D.	0	0	0	0	2	0
Newtown U.D.	7	4	1	5	1	4
Machynlleth R.D.	0	0	0	2	1	2
Newtown/Llanidloes RD	11	9	0	1	3	7

## BIRTH RATE PER 1,000 POPULATION

	<u>1965</u>	<u>1964</u>
Llanidloes M.B.	13.08	16.17
Machynlleth U.D.	12.29	15.47
Newtown U.D.	16.39	14.03
Machynlleth R.D.	11.07	10.58
Newtown/Llanidloes R.D.	13.60	15.18
Urban areas in County	15.13	15.67
Rural Areas in County	14.82	16.25
Montgomeryshire	14.95	16.01



STILL BIRTH RATE PER 1,000 TOTAL LIVE & STILL BIRTHS

	<u>1965</u>	<u>1964</u>
LLANIDLOES M.B.	0	0
MACHYNLLETH U.D.	0	0
NEWTOWN U.D.	11	65
MACHYNLLETH R.D.	0	69
NEWTOWN/LLANIDLOES R.D.	0	8
URBAN AREAS IN COUNTY	15	28
RURAL AREAS IN COUNTY	5	12
MONTGOMERYSHIRE	9	19

INFANTILE MORTALITY

This refers to the deaths of infants in the first year of life.

LLANIDLOES

There was one infant death - a girl who died at 2 days, the cause of death being prematurity.

MACHYNLLETH U.D.

There were no infant deaths.

NEWTOWN U.D.

There were 3 infant deaths :-

- 1 little boy died at 4 months from acute staphylogocci bronchitis
- 1 little girl died at 1 hour from intracranial haemorrhage and congenital abnormality.
- 1 little girl died at 7 months from accidental asphyxia.

There were 2 other deaths in young children although not under 1 year of age.

One was a boy of 20 months who died from leukaemia and one boy of 19 months who died from suprarenal neuroblastoma.

MACHYNLLETH R.D.

There were no infant deaths.

NEWTOWN & LLANIDLOES R.D.

There were 3 infant deaths.

- One was a boy of 9 months who died from pneumonia.
- One was a girl of 7 months who died from bronchitis and collapse of lungs due to fibro-elastosis of heart.
- One was a girl of 1 month who died from pneumococcal meningitis.



INFANT MORTALITY RATE

	<u>1965</u>	<u>1964</u>
LLANIDLOES M.B.	32.3	25.6
MACHYNLLETH U.D.	0	0
NEWTOWN U.D.	33.3	13.0
MACHYNLLETH R.D.	0	34.5
NEWTOWN/LLANIDLOES R.D.	25.9	15.5
URBAN AREAS OF COUNTY	21.6	17.4
RURAL AREAS OF COUNTY	13.3	14.5
MONTGOMERYSHIRE.	16.8	15.7

DEATHS

	<u>1965</u>			<u>1964</u>		
	<u>male</u>	<u>female</u>	<u>total</u>	<u>male</u>	<u>female</u>	<u>total</u>
LLANIDLOES	33	25	58	17	20	37
NEWTOWN U.D.	46	32	78	30	41	71
MACHYNLLETH U.D.	21	6	27	15	11	26
MACHYNLLETH R.D.	25	13	38	17	19	36
NEWTOWN & LLANIDLOES R.D.	50	46	96	50	39	89

DEATH RATE PER 1,000 POPULATION

	<u>1965</u>	<u>1964</u>
LLANIDLOES	24.57	15.74
MACHYNLLETH U.D.	15.08	14.36
NEWTOWN U.D.	14.21	12.94
MACHYNLLETH R.D.	14.02	13.14
NEWTOWN & LLANIDLOES R.D.	11.25	10.47
URBAN AREAS OF COUNTY	14.09	12.67
RURAL AREAS OF COUNTY	12.09	12.59
MONTGOMERYSHIRE	12.93	12.63





Year	LLANIDCES M.B.			MACHYNILETH U.D.			NEWTOWN U.D.			MACHYNILETH R.D.			NEWTOWN & LLANIDCES R.D.		
	Pop.	Births	Deaths	Pop.	Births	Deaths	Pop.	Births	Deaths	Pop.	Births	Deaths	Pop.	Births	Deaths
1951	2346	30	26	1875	40	27	5386	90	89	3240	47	65	9343	146	109
1952	2289	31	39	1845	33	26	5376	94	84	3103	42	34	9397	149	100
1953	2323	26	34	1871	24	19	5334	102	60	3100	44	49	9257	127	123
1954	2330	29	45	1860	20	29	5360	83	53	3100	22	43	9240	145	116
1955	2320	27	46	1840	28	25	5360	79	56	3080	38	40	9220	121	121
1956	2330	29	36	1830	25	25	5380	89	68	3040	35	39	9100	140	96
1957	2330	34	28	1830	20	25	5370	82	57	3040	35	51	9100	146	94
1958	2340	31	36	1810	31	25	5360	88	58	3010	36	47	9080	147	114
1959	2330	27	40	1840	23	29	5370	85	76	2980	49	40	9080	134	103
1960	2320	30	28	1800	25	27	5390	85	48	2890	30	44	9010	150	95
1961	2350	28	29	1840	29	39	5450	80	60	2800	25	36	8650	122	93
1962	2360	24	39	1840	34	29	5430	73	84	2840	38	36	8510	139	107
1963	2350	29	48	1840	21	30	5460	92	64	2780	40	44	8490	148	104
1954	2350	38	37	1810	28	26	5490	77	71	2740	29	36	8500	129	89
1965	2370	31	58	1790	22	27	5490	90	78	2710	30	38	8530	116	96



# AGE AT DEATH

AGE	LLANIDLOES M.B.						MACHYNILETH U.D.						NEWTOWN U.D.						MACHYNILETH R.D.						NEWTOWN AND LLANIDLOES R.D.					
	1965			1964			1965			1964			1965			1964			1965			1964			1965			1964		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T			
Under 4 weeks	0	1	1	1	0	1	0	0	0	0	0	0	0	0	1	1	1	0	0	0	1	0	0	0	0	0	0			
4 weeks and under 1 year	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	0	0	1	0	0	0	1	2	3	2	0	2	
1 - 4 years	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	
5 - 14 years	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	
15 - 24 years	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	
25 - 34 years	0	1	1	1	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	
35 - 44 years	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	1	1	2	0	2	2	0	0	1	0	1	1	
45 - 54 years	2	1	3	1	1	2	4	2	6	1	0	1	2	1	3	2	2	4	0	0	0	2	0	2	1	0	1	5	1	6
55 - 64 years	7	2	9	2	1	3	7	0	7	1	3	4	8	4	12	5	4	9	4	3	7	3	3	6	11	4	15	10	1	11
65 - 74 years	3	5	8	5	4	9	6	2	8	3	1	4	16	7	23	11	15	26	8	4	12	4	3	7	6	7	13	16	9	25
75 years and over	21	15	36	8	14	22	4	2	6	9	7	16	17	16	33	11	18	29	13	4	17	7	13	20	28	32	60	16	27	43
TOTAL	33	25	58	17	20	37	21	6	27	15	11	26	46	32	78	30	41	71	25	13	38	17	19	36	50	46	96	50	39	89



CAUSE OF DEATH	LLANIDLOES			MACHYNILETH U.D.			NEWTOWN U.D.			MACHYNILETH R.D.			NEWTOWN/LLANIDLOES R.D.		
	1965	1964	1965	1964	1965	1964	1965	1964	1965	1964	1965	1964			
Respiratory Tuberculosis	0	0	0	0	0	0	1	0	1	0	0	0			
Other Forms of Tuberculosis	0	0	0	0	0	0	0	0	0	0	0	0			
Syphilitic Disease	0	0	0	0	0	0	0	0	0	0	0	0			
Diphtheria	0	0	0	0	0	0	0	0	0	0	0	0			
Whooping Cough	0	0	0	0	0	0	0	0	0	0	0	0			
Meningococcal Infections	0	0	0	0	0	0	0	0	0	0	0	0			
Acute Poliomyelitis	0	0	0	0	0	0	0	0	0	0	0	0			
Measles	0	0	0	0	0	0	0	0	0	0	0	0			
Other Infective and Parasitic Diseases	0	0	0	0	0	0	0	0	0	0	0	0			
Malignant neoplasm-stomach	1	0	1	1	0	1	1	0	1	0	1	1			
Malignant neoplasm-lung and bronchus	2	0	2	1	0	0	1	0	1	2	0	3			
Malignant neoplasm-uterus	-	1	1	-	0	0	-	0	0	-	1	0			
Malignant neoplasm-breast	-	0	0	-	0	0	-	1	2	-	1	1			
Other Malignant & Lymphatic Neoplasms	2	3	5	2	1	3	3	0	6	5	2	4			
Leukaemia	0	0	0	0	0	0	0	0	0	0	0	0			
Diabetes	1	0	1	0	0	0	0	0	0	0	0	0			
Vascular Lesion of Nervous System	4	5	9	0	6	6	4	0	4	3	2	1			
Coronary Disease - Angina	10	3	13	5	1	6	5	0	5	1	0	1			
Hypertension with Heart Disease	0	0	0	0	0	0	0	0	0	0	0	0			
Other Heart Disease	1	3	4	2	3	5	2	5	7	0	0	2			
Other Circulatory Disease	2	2	4	2	3	5	0	0	0	0	0	0			
Influenza	0	0	0	0	0	0	0	0	0	0	0	0			
Pneumonia	3	0	3	0	0	0	1	0	1	0	0	0			
Bronchitis	3	1	4	1	1	2	1	0	1	0	0	1			
Other Diseases of Respiratory System	1	0	1	0	0	0	1	0	0	1	0	1			
Ulcer of Stomach and Duodenum	0	0	0	0	1	1	0	0	1	0	0	0			
Gastritis, Enteritis, Diarrhoea	0	0	0	0	0	0	0	0	0	0	0	0			
Nephritis, Nephrosis	0	1	1	1	0	1	0	1	1	1	0	0			
Hyperplasia of Prostate	0	-	0	1	-	1	1	-	1	1	-	1			
Pregnancy, Childbirth, Abortion	-	0	0	-	0	0	-	0	0	-	0	0			
Congenital Malformations	0	0	0	0	0	0	0	0	0	0	1	1			
Other Defined & Ill-Defined Diseases	2	5	7	1	3	4	1	1	2	2	2	4			
Motor Vehicle Accidents	0	1	1	0	0	0	1	0	0	2	0	2			
All other Accidents	1	0	1	1	0	0	0	0	0	0	1	0			
Suicide	0	0	0	0	0	0	0	0	0	0	0	0			
TOTAL	33	25	58	17	20	37	21	6	27	15	11	26			
							46	32	78	30	41	71			
							25	13	38	17	19	36			
							50	46	96	50	39	89			

## INFECTIOUS DISEASES

The following diseases are notifiable :

Scarlet fever, whooping cough, measles, acute poliomyelitis, diphtheria, smallpox, meningococcal infection, acute encephalitis, dysentery, ophthalmia neonatorum, puerperal pyrexia, pneumonia, paratyphoid, food poisoning, erysipelas.

### LLANIDLOES

102 cases of measles were notified.

#### Age and Sex distribution of Measles.

	<u>male</u>	<u>female</u>
Under 1 year	3	1
1 year	6	2
2 "	7	2
3 "	5	5
4 "	12	3
5 - 9	22	24
10 - 14	0	1
15 - 24	2	2
25 and over	<u>      </u>	<u>0</u>
	57	45

### MACHYNLLETH URBAN DISTRICT

No infectious disease was notified.

### NEWTOWN & LLANILLWOCHAIARN URBAN DISTRICT.

1 case of whooping cough was notified.

248 cases of measles were notified.

#### Age and Sex distribution of Measles.

	<u>male</u>	<u>female</u>
Under 1 year	1	1
1 year	12	8
2 years	13	14
3 years	12	10
4 years	27	25
5 - 9 years	72	46
10 - 14 years	3	4
15 - 24 years	0	0
25 and over	0	0
	<u>140</u>	<u>103</u>

### MACHYNLLETH RURAL DISTRICT

24 cases of measles were notified.

#### Age and Sex distribution of Measles.

	<u>male</u>	<u>female</u>
Under 1 year	0	0
1 year	1	0
2 years	0	0
3 years	0	1
4 years	0	1
5 - 9 years	10	5
10 - 14 years	3	3
15 - 24 years	0	0
25 over	<u>0</u>	<u>0</u>
	14	10

## NEWTOWN & LLANIDLOES RURAL DISTRICT

4 cases of whooping cough were notified.  
203 cases of measles were notified.

### Age and Sex distribution of measles.

	<u>male</u>	<u>female</u>
Under 1 year	0	3
1 year	5	9
2 years	7	7
3 years	9	6
4 years	7	3
5 - 9 years	63	55
10-14 years	12	11
15-24 years	1	3
25 and over	<u>1</u>	<u>1</u>
	105	98

## TUBERCULOSIS

### LLANIDLOES

No case of tuberculosis was notified during 1965.  
No name was removed from the register.  
At the end of the year there were 14 names on the register.

### MACHYNLLETH URBAN DISTRICT

No new case of tuberculosis was notified during 1965.  
However 2 people who had already been notified as cases of pulmonary tuberculosis, moved into the town.  
No name was removed from the register.  
At the end of the year there were 16 names on the register.

### NEWTOWN URBAN DISTRICT

No new case of tuberculosis was notified in 1965.  
3 names were removed from the register :-  
1. A male who was 29 in 1945 when notified with pulmonary tuberculosis - recovered.  
2. A male with pulmonary tuberculosis who came to live in this district in 1964 - recovered.  
3. A female of 34 in 1957 notified with pulmonary tuberculosis - died from carcinoma.

At the end of the year there were 16 names on the register.

### MACHYNLLETH RURAL DISTRICT

3 new cases of tuberculosis were notified :-  
1. A young man of 18 with pulmonary tuberculosis.  
2. A woman of 64 with an abscess in the chest wall  
3. A man of 46 with genito-urinary tuberculosis.  
3 names were removed from the register  
1. A woman of 67 in 1961 when notified with cervical tubercular adenitis - recovered.  
2. A female of 31 in 1962 when she came to live in the district having already been notified as a case of pulmonary tuberculosis - recovered.  
3. A female of 64 notified earlier in the year - died.

At the end of the year there were 16 names on the register.



## NEWTOWN & LLANIDLOES RURAL DISTRICT

2 cases of pulmonary tuberculosis were notified :

1. A woman of 57 was notified with pulmonary tuberculosis.
2. A women of 32 was notified with pulmonary tuberculosis.

2 names were removed from the register.

1. A woman who was 31 in 1957 when notified with pulmonary tuberculosis recovered.
2. A woman who was 47 in 1961 when notified with pulmonery tuberculosis - recovered.

At the end of the year there were 28 names on the register.

### VACCINATION AGAINST TUBERCULOSIS

This procedure was offered to children of 13 years and over and during the year I vaccinated these children at the appropriate schools in this area.

Children who are Mantoux positive are referred to the Chest Physician for further investigation.

### MASS RADIOGRAPHY

The Unit visited Newtown at approximately three weekly intervals throughout the year.

1st Quarter	59 examined. 56 general volunteers. 3 referred by G.P.
2nd Quarter	77 examined. 69 general volunteers. 8 referred by G.P.
3rd Quarter	61 examined 59 general volunteers. 2 referred by G.P.
4th Quarter	55 examined - all volunteers.

*[The following text is extremely faint and illegible due to the quality of the scan. It appears to be a multi-paragraph document, possibly a letter or a report, with several lines of text visible across the page.]*

## WATER SUPPLIES THROUGHOUT THE AREA.

This information has kindly been supplied to me by the Engineer and Manager of the Water Board. Supplies of water in this area are the responsibility of the Montgomeryshire Water Board.

### a) Quality

#### LLANIDLOES BOROUGH

The raw water from this source requires comprehensive treatment, (pressure filtration, alum, soda ash, sodium silicote and sodium hypochlorite) and some difficulty has been found in maintaining a satisfactory treated water.

#### MACHYNLLETH URBAN DISTRICT

Quality has been satisfactory.

#### NEWTOWN URBAN DISTRICT

Difficulty experienced in maintaining a satisfactory chlorine residual level to all parts of the system.

#### MACHYNLLETH RURAL DISTRICT

The Llanbrynmair source now serves Commins Coch, Cemmaes, Cemmaes Road and Cwmllynau. Spring sources at Cwmllynau and Cemmaes will be discontinued shortly.

#### NEWTOWN & LLANIDLOES RURAL DISTRICT.

Quality generally satisfactory.

### b) Quantity.

No serious water shortages were experienced during 1965. Difficulty with supplies to more elevated properties in Newtown has been overcome by the commissioning of new mains.

#### Sample Results.

<u>Source</u>	<u>Number.</u>	<u>Satisfactory.</u>	<u>Unsatisfactory</u>
Adfa.	4	4	0
Manafon.	4	4	0
Tregynon.	6	6	0
Kerry.	6	6	0
Sarn.	6	6	0
Carno.	4	4	0
Llanvnmog.	4	4	1
Caersws	12	11	1
Draintewion	6	6	0
Cwmffrwd	6	6	0
Dolfor.	4	3	1
Newtown.	53	50	3
Llanidloes.	10	7	3
Cwm Belan.	6	5	1
Llangurig.	6	5	1
Cwmllynau.	3	3	0
Cemmaes.	4	3	1
Llanbrynmair.	13	11	2
Ceinws.	2	2	0
Machynlleth.	19	18	1
Abercegir.	3	3	0
Aberangell.	2	2	0
Total 163		149	14

In addition to these samples taken by the Water Board the Public Health Inspectors of each district regularly sample water in their own districts.

When a bacteriological sample proves unsatisfactory the chlorination rate is increased and a further sample is taken.

Fluoride content is less than 0.001 p.p.m.

Newtown & Llanidloes R.D.C.

<u>Parish</u>	<u>Houses Supplied Directly</u>	<u>By Standpipe</u>	<u>Population Supplied (estimated figures)</u>
Aberhafesp	4	-	13
Bettws	30	-	96
Carno	78	5	270
Kerry	179	4	594
Llandinam	126	5	434
Llangurig	53	15	221
Llanidloes W/O	25	-	81
Llanllngan	-	-	-
Llanwnog	260	-	884
Llanwyddelan	26	-	84
Manafon	30	-	97
Mochdre	23	-	75
Penstrowed	-	-	-
Trefeglwys	-	-	-
Tregynon	50	-	162

Newtown & Llanllwchaiarn U.D.C.

1,835	136	5,097
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Llanidloes B.C.

1,026	-	2,340
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Machynlleth U.D.C.

773	-	1,787
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Machynlleth R.D.C.

Caereinion Fechan	3	-	11
Cemmaes	75	25	325
Darowen	20	18	123
Isygarreg	43	-	140
Llanbrynmair	93	-	302
Llanwrin	81	-	263
Uwchygarreg	19	-	62
Penegoes	47	1	156

PLUMBO SOLVENCY

PH correction is carried out where necessary and P.H.Values are such that there should be no plumbo-solvent action.

Consumers supplied from sources or distribution systems affected by the serious flooding of 1965 were advised to boil drinking water until satisfactory water samples were obtained.

# CHEMICAL AND PHYSICAL EXAMINATION OF WATER

	Caersws	Tregynon(treated)	Adfa (treated)	Llanidloes(treated)	Newtown	Carno	Cwmbelan	Sarn	Cwm ffrwd	Carno	Draintewion	Tregynon	Manafon
	28.1.65	5.3.65	5.3.65	19.3.65	26.3.65	26.3.65	30.4.65	4.5.65	21.5.65	21.5.65	21.5.65	28.5.65.	14.5.65
<u>Physical</u>													
Colour (Hazel)	NIL	1	NIL	0	0	0	0	0	0	0	2	0	0
Turbidity	NIL	NIL	NIL	0	0	0	0	0	0	0	10	8	0
Conductivity @ 20° C/Micro/cm.	200	350	370	89	160	250	130	350	150	250	140	375	250
Total Solids @ 180° C/mg/1	130	212	248	45	100	160	82	202	90	150	85	195	130
P.H.	8.54	6.98	7.31	6.74	7.50	7.61	7.31	7.48	9.62	7.52	7.46	7.11	7.12
<u>Chemical</u> (mg/1)													
Chloride (c1)	18.0	26	16	15	21	18	14	20	17	22	16	38	18
Ammonia, Free & Saline (N)	0	0	0	0	0.025	0	0	0	0.025	0	0.04	0.035	0
Ammonia, Albuminoid (N)	0.05	0	0	0	0.05	0	0	0	0.095	0	0.075	0.06	0
Nitrate (N)	0.5	0.5	0.4	4.3	2.6	0.7	1.0	4.4	0.6	0.7	0.3	0	3.2
Nitrate (N)	0	0	0.008	0	0.014	0	0	0	0	0	0	0	0
Oxygen Dissolved	10.24	9.84	6.8	10.72	11.24	9.04	8.44	9.08	9.14	9.20	10.24	8.12	6.8
Oxygen Absorbed	0.76	0.16	0.32	0.98	11.0	0.52	0.64	0	0.56	0.16	0.36	0.28	0.2
Alkalinity (CaCO <sub>3</sub> )	60	136	138	10	34	114	48	150	40	92	30	142	80
Calcium (CaCO <sub>3</sub> )	36	92	113	14	45	38	40	158	26	44	32	88	76
Non Carbonate Hardness	18		60	6	14	0	14	30	2	0	16		46
Free Carbon Dioxide	0	7.2	4.8	4.2	1.0	2.0	6.4	2.8	0	1.6	0.4	3.2	2.4
Iron (Fe)	0	0	0.09	0.15	0.05	0.035	0	0	0	0	0	0.05	0
Aluminium (Al)	0	0	0	0.34	0.74	0.30	0	0	0.17	0	0.17	0	0.
Lead (Pb)	0	0	0	0	0	0	0	0	0	0	0	0	0
Manganese (Mn)	0	1.5	0	0	0	0	0	0	0	0	0	1.1	0
Free Chlorine	0	0	0	0.10	0	0	0	0	0	0	0	0	0
Total Hardness (CaCO <sub>3</sub> )	78		198	16	58	64	62	180	42	66	46		126







GENERAL PROVISION OF HEALTH SERVICES THROUGHOUT THE DISTRICT

Ambulance.

The local service consists of the St. John Ambulance and is responsible to the Ambulance Committee of the County Council Health Committee.

Telephone, after 5.30p.m.    Newtown 6866 or 273  
   Caersws 236 or 201  
   Llanidloes 381 or 213  
   Machynlleth 2158 or 2179

Between 9a.m. and 5.30p.m. calls should be made to Newtown 6734.

Sitting Car service.    All enquiries should be made to:

County Health Office.    Newtown. Tel. Newtown 6734.

Children's Officer.

This Office is established by the County Council under the terms of the Children's Act, 1948.

The children's officer is :-

Mr. W. E. Jones,  
County Offices,  
Welshpool.

Tel. Welshpool 3311.

Domiciliary Midwifery and Home Nursing.

The district is served by the following nurses who combine district nursing and midwifery.

Miss C. Lloyd Jones,  
Bryneglwys, Newtown.  
Tel. Newtown 497

Newtown, Mochdre, Dolfor,  
Kerry, Sarn, Abermule.

Miss E. M. Savage,  
Glanhafren,  
Pool Road,  
Newtown.  
Tel. Newtown 510.

Tregynon, Bettws, New Mills,  
Manafon, Adfa, Bwlchyffridd.

Miss R. E. Jones,  
Dudley House, Llandiloos.  
Tel. Llanidloes 244

Llanidloes, Llangurig,  
Cwmbelan, Old Hall.

Mrs. J. A. Griffiths,  
Tynycoed, Llandinam,  
Tel. Caersws 344

Llanidloes, Llangurig,  
Cwmbelan, Old Hall.

Mrs. J. A. Griffiths,  
Tynycoed, Llandinam.  
Tel. Caersws 344

Llandinam, Oakley Park,  
Llidiartywaen.

Mrs. C. Hamer,  
19, Garden Suburb,  
Llanidloes.  
Tel. Llanidloes 423.

Caersws, Llanwnnog, Aberhafesp  
part of Machdre, Trefeglwys.

Mrs. A. S. Peate,  
Y Glyn, Carno.  
Tel. Carno 215.

Carno, Clatter, Pontdolgoch,  
Llanbrynmair, Bont, Staylittle,  
Talerddig.

Mrs. S. Jones,  
Clegyrnant, Llanbrynmair  
Tel. Llanbrynmair 280

Machynlleth, Derwenlas, Cemmaes,  
Cemmaes Road, Cwmllyn, Aberhosan,  
Abercegir, Commins Coch, part of  
Aberangell.

Mrs. P. Edwards,  
Llawrcoed Ucaf,  
Llanbrynmair,  
Tel. Llanbrynmair 325

Relief Nurse for Machynlleth &  
Llanbrynmair Districts.



### Health Visitors.

Miss Baker	covers Machynlleth Urban and Rural Districts and also Carno.
Miss Lewis.	covers the area of Llanidloes Llangurig, Llandinam, Staylittle, Llawryglyn and Trefeglwys.
Miss N.L.Jones.	is responsible for Newtown, Dolfor and Mochdre.
Mrs.E.F.Humphreys.	covers Sarn, Kerry, Abermule, Tregynon, Caersws and Clatter
Mrs.Ryder.	covers Cefn Coch, New Mills in addition to a large part of Forden and Llanfyllin Rural Districts.

### Home Help Service.

This service continues to provide domestic help in many and varied circumstances in the care of elderly in their homes and in cases of sickness and home confinements.

For further information apply to:-

The Home Help Organiser,  
Mrs.Rhoda Goodwin,  
County Health Office,  
Newtown, Tel. Newtown 6734.

### Hospitals.

The following hospitals are situated in the district :-

County Infirmary, Newtown.  
Llanidloes and District Hospital.  
Machynlleth, Corris and District Hospital.

These all take surgical, medical and maternity cases and are controlled by the Mid-Wales Hospital Board, Aberystwyth.

### Laboratory Service.

Constant use is made of both the Public Health Laboratories at Shrewsbury and Aberystwyth.

### Maternity and Child Welfare.

The County Council is responsible for this service and infant welfare clinics are held regularly throughout the district :-

Newtown Park St. Clinic, every Wednesday afternoon.  
Llanidloes Clinic 2nd & last Wednesday afternoon.  
Caersws, School Room Presbyterian Chapel, last Friday afternoon.  
Machynlleth, Doll Street Clinic, second and fourth Tuesday afternoon.  
Llanbrynmair, Village Hall, second Thursday afternoon.

### Tuberculosis

This service is controlled by the regional hospital board and the chest physician, Dr.G.O.Thomas holds clinics in this area :-

Newtown County Infirmary, second and fourth Tuesdays, 11a.m.  
Llanidloes Hospital, Saturday before last Tuesday, 10.30a.m.  
Machynlleth Chest Hospital every Wednesday, 10a.m.

### Vaccination against Small Pox.

The procedure is encouraged at the age of 12 months and is mostly carried out by general practitioners.

I vaccinate at Machynlleth Clinic and also at Llanbrynmair Clinic



Protection against Diptheria, Whooping Cough, Tetanus and Poliomyelitis.

The following schedule is the one most commonly adopted :-

3 months	-	Diptheria, Whooping Cough, and Tetanus.
4	"	" " " "
5	"	" " " "
6	"	- 1st oral polio.
7	"	- 2nd oral polio.
8	"	- 3rd oral polio.

Small pox after 1st birthday.

School entry	Booster diptheria and tetanus 4th polio.
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8 - 12 years	Booster diptheria and tetanus Small pox re-vaccination.
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13 years	B.C.G. Vaccination.
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NEWTOWN AND LLANIDLOES RURAL DISTRICT COUNCIL,

A.J.MADDOCKS, M.A.P.H.I.,  
Surveyor and  
Senior Public Health  
Inspector.

I8, High Street,  
Newtown, Montg.

PUBLIC HEALTH INSPECTORS ANNUAL REPORT.

To the Chairman and Members of the Council,

I beg to submit my report for the year ended 31st. December 1965.

The following is a summary and classification of inspections carried out during the year -

<u>PUBLIC HEALTH ACT 1936.</u>	Building Byelaws.....	204
	Refuse Disposal.....	15
	Sewage Disposal.....	151
	Miscellaneous.....	73
	Water Supplies.....	202
	Estates.....	263

<u>PETROLEUM REG. ACTS 1928/36.</u>	Inspections.....	7
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<u>FOOD AND DRUGS ACT 1955.</u>	Inspections.....	246
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<u>HOUSING ACT 1957</u>	Inspections.....	19
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<u>HOUSING (FINANCIAL PROVISIONS) ACT 1958/61.</u>	Inspections in respect of grant applications during 1965.....	213
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The following are details of grants approved to date by the Council.

I. <u>DISCRETIONARY GRANTS.</u>	<u>No.of houses</u>	<u>Amount of Grant.</u>
Grants approved to 31st. December 1964	329	£ 90728
Grants approved during 1965	34	£ 11148
Totals to 31st. December 1965	<u>- 363</u>	<u>£101876</u>

Total amount of grants paid from the commencement of the Act to 31st. December 1965.....£ 86,895.

2; <u>STANDARD GRANTS.</u>	<u>No.of houses</u>	<u>Amount of Grant.</u>
Grants approved to 31st. December 1964	20	£ 2266
Grants approved during 1965	7	£ 980
Totals to 31st. December 1965	<u>27</u>	<u>£ 3246</u>

Total amount of Grants paid from the commencement of the provisions to 31st. December 1965.....£ 887.

THE OFFICE, SHOPS AND RAILWAY PREMISES ACT 1963.

Retail shops registered.....	5
Premises inspected.....	5

There were no accidents notified during the year.

CARAVAN SITES AND THE CONTROL OF DEVELOPMENT ACT 1960.

Inspections.....	21
No.of site licences granted 1965.....	0
Total number of licences granted to 31st. December 1965.....	15



#### WATER SUPPLIES.

The total number of samples taken during the year and submitted for analysis or examination was :-

- (a) Chemical samples..... 3 Satisfactory.
- (b) Bacteriological samples.....Private..56 Public.. 7  
Satisfactory.....29 .. 7  
Unsatisfactory.....27 .. -

In addition to the above 8 samples were taken after the flood of which 6 were satisfactory and 2 unsatisfactory.

#### FOOD INSPECTION.

A satisfactory standard of cleanliness was maintained in all premises.

At 31st. December 1965 a total of 23 premises were registered for the sale of Ice Cream.

Four slaughterhouses continued to operate within the area, and during the year a 100% meat inspection was carried out with the following number of carcasses inspected :-

BEASTS.....548 PIGS.....581 SHEEP/LAMBS.....4738

##### Meat Condemned.

Livers..... Sheep 123, Beasts 15, Pigs 4  
Heads.....Pigs 3.  
Carcases.....Sheep 9. Beasts 1.

#### FOOD CONDEMNED (FROZEN)

Vegetables.....44 pkts. Fruit.....6 pkts.  
Meat.....47 pkts. Fish.....21 pkts.  
Pastry.....8 pkts.

#### NEW DWELLING HOUSES.

During the year 4 council houses at Dolford were under construction.

In the case of private enterprise 24 houses were under construction at 31st. December 1965 and 18 completed during the year.

#### SEWERAGE AND SEWAGE DISPOSAL.

Sewage disposal schemes were in operation in the villages of, Caersws, Llangurig, Carno, Kerry, Tregynon, Bwllychfridd, Bettws and Step-aside, and work continued on the extension at Tregynon.

#### FLOOD DAMAGE.

Flooding occurred within the Council's district during the week ends of 10th. 11th. and 17th. 18th. 19th. December 1965. Again Caersws was the area most seriously affected, but properties at Old Hall, Llandinam, Abermule and Bettws were also known to have suffered damage. Water remained in some houses in the Green area of Caersws for over 48 hours during the second occasion of flooding. Assistance was given by the Llanidloes Fire Brigade, the Red Cross and the Civil Defence.

The experience of these two floods again brought home the fact that co-ordination was required locally to make full use of the assistance available. The Council decided that a Local Flood Centre controlled by the Surveyor, would be established at Caersws immediately a flood alert was given and that a telephone would be manned during the whole time of an emergency.

Known number of dwelling houses flooded.

10th. 11th. December 1965.....66 properties  
17th. 18th. 19th. December 1965.....32 properties.



PREVENTION OF DAMAGE BY PESTS ACT 1949.

## RODENT CONTROL.

Report on inspections, treatments etc., carried out during 1965.

Type of Premises	No. of properties surveyed under Act.	No. of infestations found.	No. of infestations treated	Number of premises where inf. treated by occupier.	Number of inspections and revisits made in connection with Treatments.
Agricultural	602	97	95	2	1213
Business	49	23	22	1	110
Private Dwellings	437	55	55	-	818
Local Authority	20	8	8	-	142
Totals	1108	183	180	3	2283

The number of contracts at 31st. December 1965 was 42,  
a decrease of 1.

Signed.....

A. J. MADDOCKS,

Senior Public Health Inspector.



